



IAP4 Rec'd PCT/PTO 27 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: STRUCKMAN

Serial No.: 10/529,829 ✓

IA Filing Date: 7/23/03

Docket No: D-4674

For: Method For Separating Interfering Signals And Computing Arrival Angles

CERTIFICATE OF MAILING 37 CFR 1.8: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as FIRST CLASS MAIL addressed to: Mail Stop Missing Parts, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date:

12-23-05

Gloria Abbasciano  
Gloria Abbasciano

Dear Examiner:

RESPONSE TO NOTICE

This is a response to the NOTICE OF MISSING REQUIREMENTS UNDER 35USC 371 dated 10/31/05, for the above-referenced matter.

An executed Declaration was submitted in the PCT Application (US03/23158). We've enclosed the entire PCT application papers for your files and review. The Declaration can be found on page 6.

We request that the surcharge of \$130.00 be waived due to the above information, however, the Office is hereby authorized to charge any deficiency or credit any overpayment in the fees relating to the attached submittal to deposit account 190130.

Please communicate, through our customer number 22500, with the undersigned attorney if there are any questions.

Respectfully submitted,

Daniel J. Long

Daniel J. Long, Reg. No. 29,404

BAE Systems  
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TRANSMITTAL LETTER TO THE  
UNITED STATES RECEIVING OFFICE

Date	7/23/03
International Application No.	
Attorney Docket No.	D-4674 PCT

I. Certification under 37 CFR 1.10 (if applicable)

EV195655644US
Express Mail mailing number

7/23/03
Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

<i>Gloria Abbasciano</i>
Signature of person mailing correspondence

Gloria Abbasciano
Typed or printed name of person mailing correspondence

II. ☒ New International Application

TITLE	Method For Separating Interfering Signals And Computing Arrival Angles
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Earliest priority date (Day/Month/Year)
29 AUG 2002

**SCREENING DISCLOSURE INFORMATION:** In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was not made in the United States.
- B. ☐ There is no prior U.S. application relating to this invention.
- C. ☒ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

application no.	60/406817	filed on	29 AUG 2002
application no.		filed on	

- D. ☒ The present international application ☒ contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages 8-26 and ☐ DOES NOT ALTER ☒ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15

III. ☐ A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:

- A. ☐ A Request for An Extension of Time to File a Response
- B. ☐ A Power of Attorney (General or Regular)
- C. ☐ Replacement pages:

pages		of the request (PCT/RO/101)	pages		of the figures
pages		of the description	pages		of the abstract
pages		of the claims			

- D. ☐ Submission of Priority Documents

Priority document		Priority document	
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- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing Diskette

V. ☐ Other (please specify):

The person  
signing this  
form is the:

<input type="checkbox"/> Applicant	LONG, Daniel J.
<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.) 29, 404	Typed name of signer
<input type="checkbox"/> Common Representative	<i>Daniel J. Long</i> Signature



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/529,829	FIRST NAMED APPLICANT Keith A Struckman	ATTY. DOCKET NO. D-4674 PCT
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Daniel J Long  
 Bae Systems  
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 NHW01-719  
 Nashua, NH 03060

INTERNATIONAL APPLICATION NO. PCT/US03/23158	
I.A. FILING DATE 07/23/2003	PRIORITY DATE 08/29/2002

**CONFIRMATION NO. 1661**  
**371 FORMALITIES LETTER**



\*OC000000017359581\*

Date Mailed: 10/31/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/30/2005
- Copy of the International Search Report filed on 03/30/2005
- Oath or Declaration filed on 03/30/2005
- Request for Immediate Examination filed on 03/30/2005
- U.S. Basic National Fees filed on 03/30/2005
- Priority Documents filed on 03/30/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - does not identify the application to which it is directed.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**RECEIVED**

**NOV 07 2005**

**PATENT DEPARTMENT**

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DARRELL C COTTMAN

Telephone: (703) 308-9140 EXT 203

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/529,829	PCT/US03/23158	D-4674 PCT

FORM PCT/DO/EO/905 (371 Formalities Notice)